

Notice of Allowability

Application No.

10/722,350

Examiner

Fahmida Rahman

Applicant(s)

PATEL ET AL.

Art Unit

2116

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/21/07.
2. ☒ The allowed claim(s) is/are 1,3-6,10-12,14,16,17,21,22,25 and 26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. This action is in response to communications filed on 9/21/2007.
2. Claims 2, 7-9, 13, 18-20 and 23-24 have been cancelled, claims 1, 12 and 25 have been amended and no claims have been added. Thus, claims 1, 3, 4-6, 10-12, 14-17, 21-22 and 25-26 are pending.

Drawings

The drawings filed on 11/25/2003 are informal and do not comply with 37 CFR 1.84. Applicant must file corrected drawings in compliance with 37 CFR 1.84 within a three-month period of time from the mail date of the notice of allowability to avoid abandonment. This time period is not extendable under 1.136(a) or 1.136(b).

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Marcus Hooks on 11/14/07 and 11/26/07.

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In the Specification:

[0001], line 2: Change "Attorney docket no. 50278-093" with --Serial no. 60/525103--

[0008], lines 6-8 (amendment filed on 12/1/03): Delete the last line "The term component represents one or more devices with synchronous interfaces physically residing in one or more than one packages."

In the claims:

1. In claim 1:

Line 3: change "a system clock and an external clock" with --a system clock, an external clock-- after "to generate".

Line 4: Insert --and a feedback clock having a programmable delay — before ", the integrated circuit"

Line 15: change "delays" with --delay—after "the external clock"

Line 15: change "delays" with --delay—after "the feedback clock"

Line 16: delete --the—before "read/write operations"

Line 18: Insert --to—before "calibrate"

Line 22: change "clock" to --clocks—after "feedback"

Line 22: change "a" to --the—before "successful read/write"

2. In claim 4:

Rewrite claim 4 as follows:

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4. (Original) The electronic device of claim 3 wherein the integrated circuit is further configured to use the external clock to write to and read from the memory, and use the feedback clock to sample data read from the memory.

3. In claim 12:

Line 7: change “the transmissions” with —a plurality of transmissions—after “for each of”

Line 8: change “a plurality” with —the plurality—after “each of”

Line 18: change “memory” with —electronic component— after “circuit and the”

Line 19: change “memory” with —electronic component— after “read from the”

Line 20: change “memory” with —electronic component— after “read from the”

Line 20: change “delays” with —delay—after “the external clock”

Line 20: change “delays” with —delay—after “the feedback clock”

Line 21: delete —the—before “read/write operations”

Line 22: change “is” with —are—after “the feedback clock delay”

Line 26: change “feedback clock for a” to —feedback clocks for the—after “one of the external and”

Line 27: insert —between the lowest delay and the highest delay—after “the center value”

4. Cancel claim 15

5. In claim 16:

Line 1: change “claim 15” with —claim 14—before “further comprising”

6. In claim 25:

Line 6: change “the transmissions” with –a plurality of transmissions—after “for each of”

Line 7: change “a plurality” with –the plurality—after “each of”

Line 16: change “memory” with –electronic component— after “circuit and the”

Line 17: change “memory” with –electronic component— after “read from the”

Line 18: change “memory” with –electronic component— after “read from the”

Line 18: change “delays” with –delay—after “the external clock”

Line 19: change “delays” with –delay—after “the feedback clock”

Line 19: delete –the—after “for each of”

Line 20: change “is” with –are—after “the feedback clock delay”

Line 25: change “feedback clock for a” to –feedback clocks for the—before “successful read/write operations”

Line 26: insert –between the lowest delay and the highest delay—after “center value”

7. In claim 26:

Rewrite claim 26 as follows:

26. (Original) The computer readable media of claim 25 wherein the electronic component comprises memory, and the method further comprises calibrating the feedback clock delay as a function of the communications.

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The following is an examiner's statement of reasons for allowance: the portion of specification is deleted since it is not supported by the disclosure filed on 11/25/2003.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

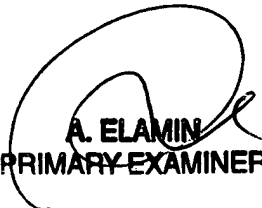
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fahmida Rahman whose telephone number is 571-272-8159. The examiner can normally be reached on Monday through Friday 8:30 - 5:30. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached on 571-272-3676. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you

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have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Fahmida Rahman
Examiner
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A. ELAMIN
PRIMARY EXAMINER